

ABSTRACT

The invention provides a device for adhering cells in a specific and predetermined position, and associated methods. The device includes a plate defining a surface and a plurality of cytophilic islands that adhere cells, isolated by cytophobic regions to which cells do not adhere, contiguous with the cytophilic islands. The islands or the regions or both may be formed of a self-assembled monolayer (SAM).

U.S. GOVERNMENT USE